

**DATE:** September 26, 2019

**TO:** Todd Wyett, Chairman  
State Transportation Commission

**FROM:** Paul C. Ajegba  
Director

**SUBJECT:** Waiver of Commission Approval

The projects and descriptions documented in Exhibit A, attached, are contracts between the Michigan Department of Transportation and local public agencies. These contracts require approval of the State Transportation Commission. The approximate three-week delay if Commission approval were deferred to the next State Transportation Commission meeting of October 17, 2019, would result in a delay in transmittal of funds, jeopardize project schedules, and transportation services.

The projects and descriptions documented in Exhibit A-1 attached, will be let by the Michigan Department of Transportation on October 4, 2019. These projects require pre-approval as the engineers' estimates are over \$500,000. The approximate three-week delay resulting if Commission pre-approval were deferred to the next State Transportation Commission meeting on October 17, 2019, would delay the transmittal of the contract documents to the low bidders, and jeopardize the construction schedules.

The projects and descriptions documented in Exhibit A-2, attached, were let by the Michigan Department of Transportation on September 6, 2019. The low bids received were more than 10% over the engineers' estimate and therefore require approval by the State Transportation Commission. The approximate three-week delay resulting if Commission approval were deferred to the next State Transportation Commission meeting on October 17, 2019, would delay the transmittal of the contract documents to the low bidder, and jeopardize the construction schedule.

The project and description documented in Exhibit A-3, attached, was let on August 9, 2019. This project is being submitted for informational purposes since only one bid was received for this project and the engineers' estimate was less than \$500,000.

Thus, a waiver of the required Commission approval is requested, as provided in Commission Resolution 79-3, as amended, footnote F:

“If, in the opinion of the Director, the public interest requires that a certain contract be awarded or an agreement be executed prior to approval by the Commission, hereunder, the Director shall seek a waiver of the required approval from the Chairman of the Transportation Commission. If the request of the approval is verbal, the waiver shall be confirmed, in writing, within fourteen (14) days.”

If the waiver is granted, the Department will proceed to execute the items noted above.

*Signed copy on file*

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Director

The request for waiver of Commission approval of the above-mentioned items are approved.

*Signed copy on file*

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Todd Wyett, Chairman

*September 26, 2019*

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Date

# REQUEST FOR MICHIGAN STATE TRANSPORTATION COMMISSION APPROVAL

## CONTRACTS

September 26, 2019

The following contracts are being submitted for approval. The appropriate documents will be approved by the Attorney General and comply with all legal and fiscal requirements prior to award.

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### CONTRACTS

1. HIGHWAYS - Participation for Local Agency Construction Contract

Contract (2019-5410) between MDOT and the Delta County Road Commission will provide for participation in the following improvements:

Shoulder work along County Road 513 from Highway US-2 south to New Wilsey Bay U.25 Road (Highway K-47).

Estimated Funds:

Federal Highway Administration Funds	\$75,179.09
Delta County Road Commission Funds	<u>\$18,794.77</u>
Total Funds	<u>\$93,973.86</u>

STL 21000 – 202785CON  
Local Force Account

2. HIGHWAYS - Participation for Local Agency Contract

Contract (2019-5428) between MDOT and the County of Macomb will provide for participation in the following:

Traffic Operations Center work for FY 2020, including general operation, communications, equipment management, and system management work.

Estimated Funds:

Federal Highway Administration Funds	\$2,200,000
County of Macomb Funds	<u>\$ 550,000</u>
Total Funds	<u>\$2,750,000</u>

CM 50031 - 203011OPS  
No Letting

\* Denotes a non-standard contract/amendment

3. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2019-5429) between MDOT and the Iron County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds), and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

Hot mix asphalt crushing, shaping, and resurfacing work along County Road 424 from approximately 3.30 miles east of the eastern city limits of Gastra easterly for approximately 1.52 miles, including shoulder and pavement marking work.

Estimated Funds:

State Restricted TED Funds	\$ 83,700
FHWA STP – Rural Funds	\$306,900
Iron County Road Commission Funds	\$ 74,400
Total Funds	<u>\$465,000</u>

STL 36555 – 130463  
Letting of 9/6/2019

4. HIGHWAYS - Participation for Local Agency Contract  
Contract (2019-5435) between MDOT and the Houghton County Road Commission will provide for participation in the following improvements:

PART A

Culvert removal and replacement work along Forsman Road at Highway M-26, including erosion control, excavation earth, subbase, underdrain, hot mix asphalt, concrete curb and gutter, pavement marking, traffic control, and restoration work.

PART B

Excavation rock, aggregate base, sewer, drainage structure, and rip rap installation work within the project limits described in Part A.

Estimated Funds:

	<u>PART A</u>	<u>PART B</u>	<u>TOTAL</u>
Federal Highway Administration Funds	\$ 871,800	\$ 0	\$ 871,800
Houghton County Road Commission Funds	<u>\$ 218,000</u>	<u>\$60,800</u>	<u>\$ 278,800</u>
Total Funds	<u>\$1,089,800</u>	<u>\$60,800</u>	<u>\$1,150,600</u>

ER 31000– 204456  
Local Letting

5. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2019-5458) between MDOT and the Village of Schoolcraft will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category A Funds:

Hot mix asphalt resurfacing work along Angell Drive from Lyons Street northerly for approximately 900 feet, including roadway widening and associated drainage improvement work.

Estimated Funds:

State Restricted TED Funds	\$126,700
Village of Schoolcraft Funds	<u>\$ 46,800</u>
Total Funds	<u>\$173,500</u>

EDA 39000 – 203207; Kalamazoo County  
Letting of 10/4/2019

6. PASSENGER TRANSPORTATION - Section 5339(b) Program  
Project Authorization (15) Revision (1) under Master Agreement (2017-0003) between MDOT and the Allegan County Board of Commissioners will increase the authorization amount by \$6,000 in state funds to cover higher than expected vehicle costs. The original authorization provides state matching funds for the County's FY 2018 Federal Section 5339(b) Bus and Bus Facilities Competitive Program grant for vehicle purchases. The authorization term remains unchanged, April 26, 2019, through April 25, 2022. The revised authorization amount will be \$388,074. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$305,659; FY 2019 State Restricted Comprehensive Transportation Funds - \$82,415.
7. RAIL – Installation of Rail Lubricators  
Project Authorization (25) Revision (1) under Master Agreement (2012-0200) between MDOT and the National Railroad Passenger Corporation (Amtrak) will extend the authorization term by three months to provide sufficient time for final invoicing and for the installation of two additional rail lubricators. The original authorization provides for the installation of 13 rail lubricators from Kalamazoo to Dearborn. MDOT compensates Amtrak for eligible costs under the approved scope of work and estimate. The revised authorization term will be December 3, 2018, through March 31, 2020. The authorization amount remains unchanged at \$307,299. The term of the master agreement is from December 7, 2012, through September 30, 2032. Source of Funds: State Restricted Comprehensive Transportation Funds - \$307,299.
8. RAIL – Turnout Replacement at CP 72  
Project Authorization (26) Revision (1) under Master Agreement (2012-0200) between MDOT and the National Railroad Passenger Corporation (Amtrak) will extend the authorization term by one year due to longer than expected lead time for the procurement of the turnouts. The original authorization provides for the supply and installation of two turnouts at control point (CP) 72. MDOT compensates Amtrak for eligible costs under the approved scope of work and spending plan. The revised authorization term will be December 3, 2018, through December 31, 2020. The authorization amount remains unchanged at \$858,072. The term of the master agreement is December 7, 2012, through September 30, 2032. Source of Funds: State Restricted Comprehensive Transportation Funds - \$858,072.

9. RAIL – Turnout Replacements  
Project Authorization (29) Revision (1) under Master Agreement (2012-0200) between MDOT and the National Railroad Passenger Corporation (Amtrak) will extend the authorization term by one year due to longer than expected lead time for the procurement of the turnouts. The original authorization provides provide for the purchase and installation of two turnouts at Mile Post (MP) 18.16 (North Pass) and MP 18.09 (No. 7 Switch) at the Wayne Diamond Interlocking in the City of Wayne. MDOT compensates Amtrak for eligible costs under the approved scope of work and spending plan. The revised authorization term will be March 25, 2019, through December 31, 2020. The authorization amount remains unchanged at \$498,044. The term of the master agreement is December 7, 2012, through September 30, 2032. Source of Funds: State Restricted Comprehensive Transportation Funds - \$498,044.
10. \*RAIL - Rail Passenger Operating  
Contract (2019-0968) between MDOT and the National Railroad Passenger Corporation (Amtrak) will provide financial assistance for the daily operation of intercity rail passenger service between Port Huron, Lapeer, Flint, Durand, Lansing/East Lansing, Battle Creek, Kalamazoo, Dowagiac, and Niles, Michigan, and Chicago, Illinois; between Grand Rapids, Holland, Bangor, St. Joseph/Benton Harbor, and New Buffalo, Michigan, and Chicago, Illinois; and between Pontiac, Birmingham, Royal Oak, Detroit, Dearborn, Ann Arbor, Jackson, Albion, Battle Creek, Kalamazoo, Dowagiac, Niles, and New Buffalo, Michigan, and Michigan City, Indiana, Hammond-Whiting, Indiana, and Chicago, Illinois. The contract will also provide financial assistance for the use of Amtrak equipment pursuant to Section 209 of the Passenger Rail Investment and Improvement Act of 2008 (PRIIA). The contract will be in effect from October 1, 2019, through September 30, 2020. The contract amount will be \$20,153,796.52. Source of Funds: FY 2020 State Restricted Comprehensive Transportation Funds - \$20,153,796.52.
11. \*TRANSPORTATION PLANNING - Jurisdictional Transfer  
Memorandum of Understanding (MOU) (2019-01009) between MDOT and the City of Iron River will transfer jurisdiction of a segment of Maple Street (Old M-189), from 0.02 mile west of 4<sup>th</sup> Avenue (M-189) east to 4<sup>th</sup> Avenue (M-189), a distance of approximately 0.02 mile, from MDOT to the City. Jurisdiction will transfer upon the date of the award of the MOU. This is a zero-dollar MOU.

Upon receipt of your approval, the contracts and agreements will be processed for award. Subject to the exercise of the discretion in the processing, I approve the contracts described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of February 11, 2019.

Respectfully submitted,

Paul C. Ajegba, P.E.  
Director

## REQUEST FOR MICHIGAN STATE TRANSPORTATION

## COMMISSION APPROVAL

## BID LETTING PRE-APPROVAL

September 26, 2019

The following contracts are being submitted for approval.

**TRUNKLINE CONTRACTS**

- |    |   |  |
|----|---|--|
| 1. | Letting of October 4, 2019<br>Letting Call: 1910 006<br>Project: NH 60021-119043<br>Local Agreement:<br>Start Date: May 4, 2020<br>Completion Date: July 10, 2020 | Prequalification Level:<br><b>\$2,567,000.00</b> |
|----|---|--|

3.39 mi of hot mix asphalt crushing, shaping and resurfacing and full depth reconstruction for the installation of a weigh-in-motion device, concrete curb and gutter, culverts, sewer, drainage, guardrail and pavement markings on M-32 from west of Jerome Street to east of Haas Road, Montmorency County. This project includes two 5-year materials and workmanship pavement warranties.

3.00 % DBE participation required

- |    |  |  |
|----|--|--|
| 2. | Letting of October 4, 2019<br>Letting Call: 1910 007<br>Project: HSIP 80023-124035<br>Local Agreement:<br>Start Date: January 7, 2020<br>Completion Date: May 31, 2023 | Prequalification Level:<br><b>\$716,000.00</b> |
|----|--|--|

24.04 mi of tree and shrub removal and planting for wind screening on I-94 from the west Van Buren County Line to the east Van Buren County Line in the city of Hartford, villages of Lawrence, Mattawan, and Paw Paw, Van Buren County.

3.00 % DBE participation required

- |    |  |  |
|----|--|--|
| 3. | Letting of October 4, 2019<br>Letting Call: 1910 008<br>Project: HSIP 13016-124061<br>Local Agreement:<br>Start Date: November 18, 2019<br>Completion Date: September 24, 2021 | Prequalification Level:<br><b>\$686,000.00</b> |
|----|--|--|

13.43 mi of tree removal and drainage improvements along M-311 from M-60 to I-94BL (Michigan Avenue), Calhoun County.

2.00 % DBE participation required

4. Letting of October 4, 2019  
Letting Call: 1910 009  
Project: M 61075-122641, etc.  
Local Agreement:  
Start Date: June 15, 2020  
Completion Date: June 18, 2021
- Prequalification Level:  
**\$7,875,000.00**

6.13 mi of hot mix asphalt cold milling and resurfacing, extending lane and median shoulder pavement widening, guardrail, and pavement markings on US-31 from north of M-46 north to C&O Railroad in the city of Muskegon, Muskegon County. This project includes one 3 year and two 5-year materials and workmanship pavement warranties.

3.00 % DBE participation required

5. Letting of October 4, 2019  
Letting Call: 1910 010  
Project: ST 51021-37904  
Local Agreement:  
Start Date: July 27, 2020  
Completion Date: October 24, 2020
- Prequalification Level:  
**\$3,690,000.00**

7.62 mi of hot mix asphalt crushing, shaping and resurfacing, concrete curb and gutter, drainage and pavement markings on M-55 from east of Claybank Road to Udell Hills Road, Manistee County. This project includes a 5-year materials and workmanship pavement warranty.

3.00 % DBE participation required

6. Letting of October 4, 2019  
Letting Call: 1910 011  
Project: ST 14041-203694  
Local Agreement:  
Start Date: June 15, 2020  
Completion Date: August 7, 2020
- Prequalification Level:  
**\$2,773,000.00**

25.32 mi of overband crack filling pre-treatment, single and double course chip sealing and pavement markings on M-217 from the Michigan/Indiana state line northerly to US-12, on M-62 from the Michigan/Indiana state line northerly to north of US-12, on US-12 from east of Frantz Drive easterly to west of the Edwardsburg village limits, on US-12 from M-62 easterly to east of East Shore Road, on US-12 from east of Union Road easterly to the St. Joseph River and on M-40 from US-12 northerly to north of M-60 in the village of Edwardsburg, Cass County. This project includes two 2-year pavement performance warranties.

0.00 % DBE participation required

7. Letting of October 4, 2019  
Letting Call: 1910 012  
Project: NH 53033-123206  
Local Agreement:  
Start Date: 10 days after award  
Completion Date: June 1, 2021
- Prequalification Level:  
**\$2,638,000.00**

3.74 mi of hot mix asphalt cold milling and resurfacing, aggregate base, drainage and pavement markings on US-31 from US-10 north to Sugar Grove Road, Mason County. This project includes a 5-year materials and workmanship pavement warranty. This is a Project Plan PDF Pilot project.

3.00 % DBE participation required



8. Letting of October 4, 2019  
Letting Call: 1910 013  
Project: ST 64812-131807  
Local Agreement:  
Start Date: April 13, 2020  
Completion Date: November 20, 2020
- Prequalification Level:  
**\$1,425,000.00**

Penetrating healer/sealer on bridge deck, deck patching, joint and pin and hanger replacement, full painting and steel repair on Old US-31 over the Pentwater River, Oceana County. This project includes a 2-year bridge coating warranty.

0.00 % DBE participation required

9. Letting of October 4, 2019  
Letting Call: 1910 014  
Project: NH 59012-205803  
Local Agreement:  
Start Date: April 27, 2020  
Completion Date: July 18, 2020
- Prequalification Level:  
**\$1,311,000.00**

Deck patching, epoxy overlay, pin and hanger replacement, partial cleaning and coating of structural steel, expansion joint replacement, approach reconstruction and substructure and railing patching on US-131 under Cannonsville Road and Dagget Road, Montcalm County. This project includes a 5-year materials and workmanship pavement warranty and a 5-year performance warranty on thin epoxy bridge deck overlay.

3.00 % DBE participation required

10. Letting of October 4, 2019  
Letting Call: 1910 019  
Project: M 04031-203958, etc.  
Local Agreement:  
Start Date: April 27, 2020  
Completion Date: July 31, 2020
- Prequalification Level:  
**\$4,784,000.00**

17.50 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and sidewalk ramps, drainage and pavement markings on US-23 from north of Mason Street to south of Richardson Street, on M-32 from east of Bagley Street to US-23, from 3rd Avenue to US-23 and from the west Alpena county line to Lake Winyah Road in the city of Alpena, Alpena County. This project includes a 3-year materials and workmanship pavement warranty.

2.00 % DBE participation required

11. Letting of October 4, 2019  
Letting Call: 1910 020  
Project: M 31051-201189, etc.  
Local Agreement:  
Start Date: July 13, 2020  
Completion Date: September 25, 2020

Prequalification Level:  
**\$2,821,000.00**

9.03 mi of hot mix asphalt cold milling and resurfacing, replacing culverts, detail 7 and 8 joint repairs, upgrading sidewalk ramps and guardrail, aggregate shoulders, centerline and shoulder corrugations and pavement markings on US-41 from the Baraga county line north to the Snake River and from Golf Course Road north to Cliff Drive and on M-26 from Cemetery Road north to Green Acres Road, Houghton County. This project includes two 3-year materials and workmanship pavement warranties.

0.00 % DBE participation required

12. Letting of October 4, 2019  
Letting Call: 1910 021  
Project: NH 38111-201003  
Local Agreement:  
Start Date: April 20, 2020  
Completion Date: August 29, 2020

Prequalification Level:  
**\$2,142,000.00**

6.14 mi of concrete joint repair and full depth repair, hot mix asphalt cold milling and resurfacing, shoulder gravel and pavement on US-127 from Floyd Road to I-94 including the ramps at M-50, South Street, Page Avenue and Michigan Avenue, Jackson County. This project includes a 3-year materials and workmanship pavement warranty.

4.00 % DBE participation required

13. Letting of October 4, 2019  
Letting Call: 1910 022  
Project: NH 27021-203892  
Local Agreement:  
Start Date: July 6, 2020  
Completion Date: September 11, 2020

Prequalification Level:  
**\$1,251,000.00**

4.21 mi of hot mix asphalt micro-cold milling and ultra-thin overlay with joint repairs on US-2 from the east city limits of Bessemer to the west city limits of Wakefield, Gogebic County. This project includes a 2-year pavement performance warranty.

0.00 % DBE participation required

14. Letting of October 4, 2019  
Letting Call: 1910 023  
Project: ST 78054-200708  
Local Agreement:  
Start Date: June 22, 2020  
Completion Date: September 19, 2020

Prequalification Level:  
**\$1,211,000.00**

10.63 mi of hot mix asphalt cold milling and resurfacing, single chip sealing and fog sealing, and pavement markings on M-66 from south of M-86 northerly to M-60 and on M-86 from M-66 to the western village limits of Colon, Saint Joseph County. This project includes a 2-year pavement performance warranty.

0.00 % DBE participation required

15. Letting of October 4, 2019  
Letting Call: 1910 024  
Project: TA 25000-200955  
Local Agreement: 19-5422  
Start Date: May 4, 2020  
Completion Date: August 29, 2020
- Prequalification Level:  
**\$807,000.00**

0.01 mi of hot mix asphalt shared use path, concrete sidewalk and ramps, lighting, signing and pavement markings on various streets surrounding Brownell & Holmes STEM Academy, Eagles Nest Academy, and Eisenhower Elementary schools in the city of Flint, Genesee County.

3.00 % DBE participation required

16. Letting of October 4, 2019  
Letting Call: 1910 030  
Project: NH 07012-203964  
Local Agreement:  
Start Date: August 18, 2020  
Completion Date: 42 Working Days
- Prequalification Level:  
**\$2,589,000.00**

8.25 mi of hot mix asphalt cold milling and resurfacing, detail 7 and 8 joint repairs, concrete sidewalk and ramps, aggregate shoulders, adjust guardrail and pavement markings on US-41 from Falls River to south of Old US-41 and on M-38 from east of Bear Town Street to US-41 in the villages of L'Anse and Baraga, Baraga County. This project includes two 3-year materials and workmanship pavement warranties.

0.00 % DBE participation required

17. Letting of October 4, 2019  
Letting Call: 1910 031  
Project: ST 41121-207934  
Local Agreement:  
Start Date: August 3, 2020  
Completion Date: September 25, 2020
- Prequalification Level:  
**\$2,198,000.00**

9.43 mi of hot mix asphalt cold milling and resurfacing and pavement markings on M-46 from the east junction of M-46 to the US-131 southbound ramps in the village of Kent City, Kent County. This project includes a 3-year materials and workmanship pavement warranty.

3.00 % DBE participation required

18. Letting of October 4, 2019  
Letting Call: 1910 032  
Project: NH 31011-203972  
Local Agreement:  
Start Date: July 31, 2020  
Completion Date: August 14, 2020
- Prequalification Level:  
**\$1,566,000.00**

14.38 mi of double chip seal, overband crack fill, gravel shoulders and pavement markings on M-26 from Twin Lakes Road north to Chassell-Painesdale Road, Houghton County. This project includes a 2-year pavement performance warranty.

0.00 % DBE participation required

19. Letting of October 4, 2019  
Letting Call: 1910 033  
Project: NH 16091-204267  
Local Agreement:  
Start Date: July 6, 2020  
Completion Date: August 28, 2020
- Prequalification Level:  
**\$951,000.00**

9.59 mi of overband crack sealing, single course chip sealing, fog sealing and pavement markings on I-75 northbound from North Central State Trail Bridge to north of Mullet-Burt Road and on I-75 southbound from North Central State Trail Bridge to north of M-27, Cheboygan County. This project includes a 2-year pavement performance warranty.

0.00 % DBE participation required

20. Letting of October 4, 2019  
Letting Call: 1910 034  
Project: NH 36021-203887  
Local Agreement:  
Start Date: May 26, 2020  
Completion Date: August 7, 2020
- Prequalification Level:  
**\$889,000.00**

4.76 mi of paver placed surface seal, overband crack fill, intermittent cold milling, shoulder aggregate and pavement markings on US-2 from Nordstrom Road easterly to Nash Creek, Iron County. This project includes a 3-year pavement performance warranty.

0.00 % DBE participation required

21. Letting of October 4, 2019  
Letting Call: 1910 035  
Project: M 57041-204014  
Local Agreement:  
Start Date: August 24, 2020  
Completion Date: October 16, 2020
- Prequalification Level:  
**\$622,000.00**

10.01 mi of hot mix asphalt overlay, shoulders, delineators and pavement markings on M-42 from east of Business-131 to M-66 in the city of Manton, Wexford and Missaukee Counties. This project includes a 3-year materials and workmanship pavement warranty.

0.00 % DBE participation required

22. Letting of October 4, 2019  
Letting Call: 1910 036  
Project: NH 31012-204315  
Local Agreement:  
Start Date: August 3, 2020  
Completion Date: September 18, 2020
- Prequalification Level:  
**\$657,000.00**

3.86 mi of micro-surface, overband crack fill, concrete sidewalk ramps, shoulder gravel, centerline and shoulder corrugations, and pavement markings on M-26 from Kersearge Street to north of Cemetery Road in the village of South Range, Houghton County. This project includes a 2-year pavement performance warranty.

0.00 % DBE participation required

23. Letting of October 4, 2019  
Letting Call: 1910 038  
Project: ER 31051-208053  
Local Agreement:  
Start Date: 10 days after award  
Completion Date: July 10, 2020
- Prequalification Level:  
**\$1,327,000.00**

0.07 mi of hot mix asphalt surfacing, earthwork, drainage, culvert replacement, cofferdam, steel sheet piling, riprap and pavement markings on US-41 over an unnamed stream, Houghton County. This project includes a 5-year materials and workmanship pavement warranty.

2.00 % DBE participation required

24. Letting of October 4, 2019  
Letting Call: 1910 047  
Project: NH 81103-200987-2  
Local Agreement:  
Start Date: June 3, 2020  
Completion Date: August 31, 2020
- Prequalification Level:  
**\$4,089,000.00**

7.91 mi of hot mix asphalt cold milling and resurfacing on M-14 from Earhart Road to the Washtenaw/Wayne county line, Washtenaw County. This project includes a 3-year materials and workmanship pavement warranty.

0.00 % DBE participation required

#### **LOCAL AGENCY CONTRACTS**

25. Letting of October 4, 2019  
Letting Call: 1910 002  
Project: STU 25000-130647  
Local Agreement: 19-5152  
Start Date: April 20, 2020  
Completion Date: October 1, 2021
- Prequalification Level:  
**\$7,003,000.00**

2.14 mi of hot mix asphalt cold milling and resurfacing, pavement removal, concrete curb, gutter, sidewalk and ramps, water main, drainage, sewer, joint and crack repairs, signing and pavement markings on East Court Street from Crapo Street to Center Road in the city of Flint, Genesee County. This is a Local Agency project.

5.00 % DBE participation required

26. Letting of October 4, 2019  
Letting Call: 1910 003  
Project: NH 63000-132743-2 , ETC  
Local Agreement: 19-5265  
Start Date: 10 days after award  
Completion Date: October 15, 2020
- Prequalification Level:  
**\$3,414,000.00**

1.94 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, sidewalk, sidewalk ramps, drainage, sewer and pavement markings on West 14 Mile Road from Greenfield Road to Crooks Road in the cities of Royal Oak and Birmingham, Oakland County. This is a Local Agency project.

5.00 % DBE participation required

27. Letting of October 4, 2019  
Letting Call: 1910 004  
Project: ER 56000-203315  
Local Agreement: 19-5434  
Start Date: 10 days after award  
Completion Date: August 17, 2020
- Prequalification Level:  
**\$1,324,000.00**

Bridge replacement and approach work on Redstone Road over Bush Creek, Monroe Road over Newell Drain and Meridian Road over Bullock Creek, Midland County. This is a Local Agency project.

3.00 % DBE participation required

28. Letting of October 4, 2019  
Letting Call: 1910 005  
Project: STL 20000-119504-3  
Local Agreement: 18-5389  
Start Date: June 12, 2020  
Completion Date: July 31, 2020
- Prequalification Level:  
**\$557,000.00**

2.03 mi of hot mix asphalt resurfacing and pavement markings on South Wakeley Bridge Road from the Ausable River north to East North Down River Road, Crawford County. This is a Local Agency project.

0.00 % DBE participation required

29. Letting of October 4, 2019  
Letting Call: 1910 017  
Project: STUL 55428-133028  
Local Agreement: 19-5447  
Start Date: 10 days after award  
Completion Date: August 1, 2020
- Prequalification Level:  
**\$841,000.00**

0.24 mi of hot mix asphalt road reconstruction, concrete curb and gutter and pavement markings on 13th Street from 34th Avenue to 38th Avenue in the city of Menominee, Menominee County. This is a Local Agency project.

3.00 % DBE participation required

30. Letting of October 4, 2019  
Letting Call: 1910 039  
Project: TA 82000-203324  
Local Agreement: 19-5449  
Start Date: 10 days after award  
Completion Date: September 30, 2021
- Prequalification Level:  
**\$2,046,000.00**

Concrete driveway, curb, gutter, sidewalk and ramps, drainage, signing and pavement markings at nine schools in the city of Detroit, Wayne County. This is a Local Agency project.

6.00 % DBE participation required

31. Letting of October 4, 2019  
Letting Call: 1910 040  
Project: MCS 46000-133151  
Local Agreement: 19-5463  
Start Date: 10 days after award  
Completion Date: July 24, 2020
- Prequalification Level:  
**\$1,433,000.00**

Bridge removal and replacement with prestressed concrete I-beams, replace hot mix asphalt bridge surface, concrete curb and gutter, sidewalk, sidewalk ramps, culverts, drainage, sewer, guardrail, clean and coat structural steel, substructure repairs, steel piles, cofferdams, approach work and pavement markings on 2 structures on West Main Street over Bean Creek and on East Main Street over Silver Creek in the city of Morenci, Lenawee County. This is a Local Agency project.

0.00 % DBE participation required

32. Letting of October 4, 2019  
Letting Call: 1910 041  
Project: TAU 50051-132554, etc.  
Local Agreement: 19-5406  
Start Date: 10 days after award  
Completion Date: September 30, 2021

Prequalification Level:  
**\$1,098,000.00**

0.43 mi of streetscaping including landscaping, concrete curb and gutter, sidewalk, sidewalk ramps, drainage, sewer, traffic signal replacement and pavement markings on Utica Road from Lincoln Drive to Gratiot Avenue and at 12 Mile Road in the city of Roseville, Macomb County. This is a Local Agency project.

5.00 % DBE participation required

33. Letting of October 4, 2019  
Letting Call: 1910 042  
Project: STL 66000-208501  
Local Agreement: 19-5453  
Start Date: 10 days after award  
Completion Date: October 15, 2020

Prequalification Level:  
**\$623,000.00**

2.54 mi of hot mix asphalt crushing, shaping and resurfacing, aggregate base, gravel shoulder and pavement markings on Boundary Road south of 107th Engineers Memorial Highway, Ontonagon County. This is a Local Agency project.

0.00 % DBE participation required

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the project described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of February 11, 2019.

Respectfully submitted,

Paul C. Ajegba, P.E.  
Director

## **LETTING STATISTICS**

SEPTEMBER 2019

### **STATE PROJECTS OVERVIEW**

The September 6, 2019, Bid Letting, included six Trunkline contracts with \$18.34 million in total engineer estimates. The low bids received totaled \$21.38 million. The average low bid for the was \$1.73 million and the median of \$779.60 thousand. Of the six Trunkline contracts let, one included a warranty with \$15.45 million as the low bid total. The Trunkline contracts for this letting received a total of 18 bids. In comparison to September of 2018 totals, 11 Trunkline contracts were let with total engineer estimates of \$641.60 million. The total low bid dollars of \$641.51 million. The totals for September of 2018 include the I-75 Modernization P3 contract. A total of 23 bids were received for the Trunkline contracts for September of 2018.

For fiscal year 2019 to date, 340 Trunkline contracts have been let with a low bid total of \$1.07 billion. For the same period of fiscal year 2018, 343 contracts were let with the low bid total of \$1.76 billion.

### **PROJECTS BID SUMMARY**

The total number of bids received for the 25 contracts let in the September 6, 2019, Bid Letting was 98 for an average of 3.92 bids received per contract.

For the September letting, there was one contract postponed, no contracts were withdrawn, and one contract resulted in the rejection of all bids.

Of the 69 contracting companies approved to submit bids for the September bid letting, 59 submitted at least one bid.

### **JOB PROJECTIONS**

Job projections are Trunkline jobs specific in category and are classified under the work groups of road, bridge, and traffic and safety.

The list of jobs projected to be let during FY 2019 was updated on 09/18/2019 to include a total of 370 jobs with total construction cost estimates of \$939.61 million.

For fiscal year 2019 through September, 100.0% of jobs anticipated for this period have been let using 96.0% of the projected cost estimates. For FY 2018 through September, 100% of jobs were let using 96.3% of the projected construction costs.

### **UPCOMING LETTING STATS**

The **October 4, 2019**, Bid Letting is advertising 34 Trunkline contracts with an engineer estimates total of \$55.16 million. Of the 34 Trunkline contracts, 21 include warranties with an engineer estimates total of \$49.39 million. In addition, 15 Local Agency contracts are advertised with total engineer estimates of \$19.37 million.

A special bid letting is scheduled for **October 25, 2019**, advertising two Trunkline contracts with total engineer estimates of \$54.15 million. Of the two Trunkline contracts advertised, one includes warranties with total engineer estimates of \$49.53 million.

Note: Data presented in this report is current with the submission date and time.



## SEPTEMBER 2019 LETTING SUMMARY

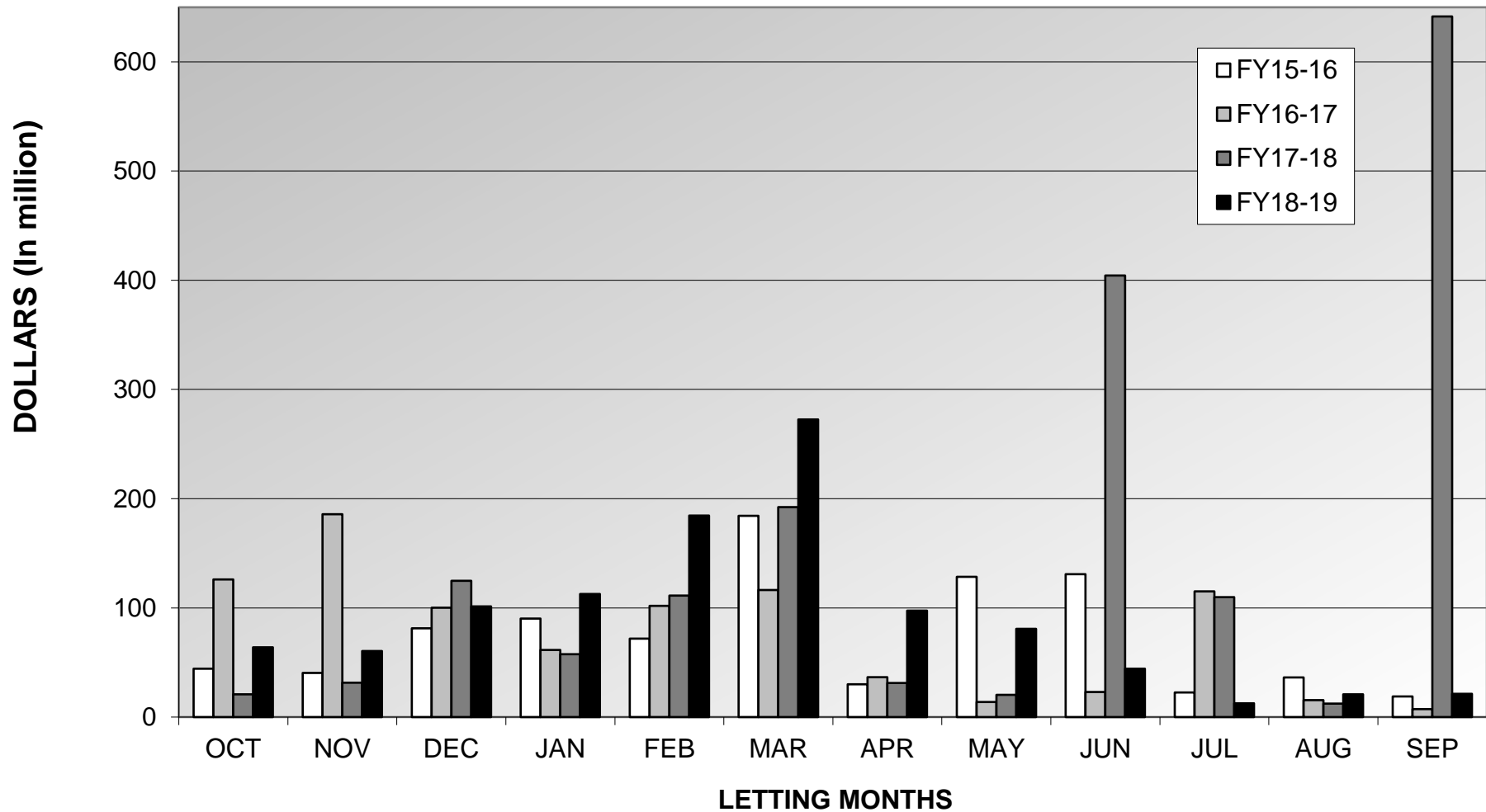
STATISTICS	PROGRAM AREA				
	TRUNKLINE	LOCAL AGENCY	AERONAUTICS	FREIGHT SERVICES	TOTALS
<b>Project Report</b>					
Number of Contracts Let	6	19	0	0	25
Engineer Estimates of Contracts Let	\$18,340,347.30	\$ 20,361,541.29	\$0.00	\$0.00	\$38,701,888.59
<b>Low Bid Report</b>					
Low Bid Total	\$ 21,379,897.81	\$ 21,870,595.29	\$0.00	\$0.00	\$43,250,493.10
% over/under Engineer's Estimate	16.57%	7.41%	0.00%	0.00%	11.75%
<b>All Bids Rejected Report</b>					
Number of Contracts - All Bids Rejected	0	1	0	0	1
Engineer Estimate Total	\$0.00	\$495,438.17	\$0.00	\$0.00	\$495,438.17
Low Bid Total	\$0.00	\$563,796.85	\$0.00	\$0.00	\$563,796.85
% over/under Engineer's Estimate	0.00%	13.80%	0.00%	0.00%	13.80%
<b>Low Bids Pending</b>					
Number of To Be Announced Contracts	2	9	0	0	11
Engineer Estimate Total	\$12,663,360.16	\$10,866,314.93	\$0.00	\$0.00	\$23,529,675.09
Low Bid total	\$15,621,633.24	\$13,599,338.59	\$0.00	\$0.00	\$29,220,971.83
% over/under Engineer's Estimate	23.36%	25.15%	0.00%	0.00%	24.19%
<b>Bidder (Bids) Report</b>					
Number of Bids Received	18	80	0	0	98
Average # of Bidders per Project	3.00	4.21	0.00	0.00	3.92

### U P C O M I N G L E T T I N G P R O J E C T I O N S:

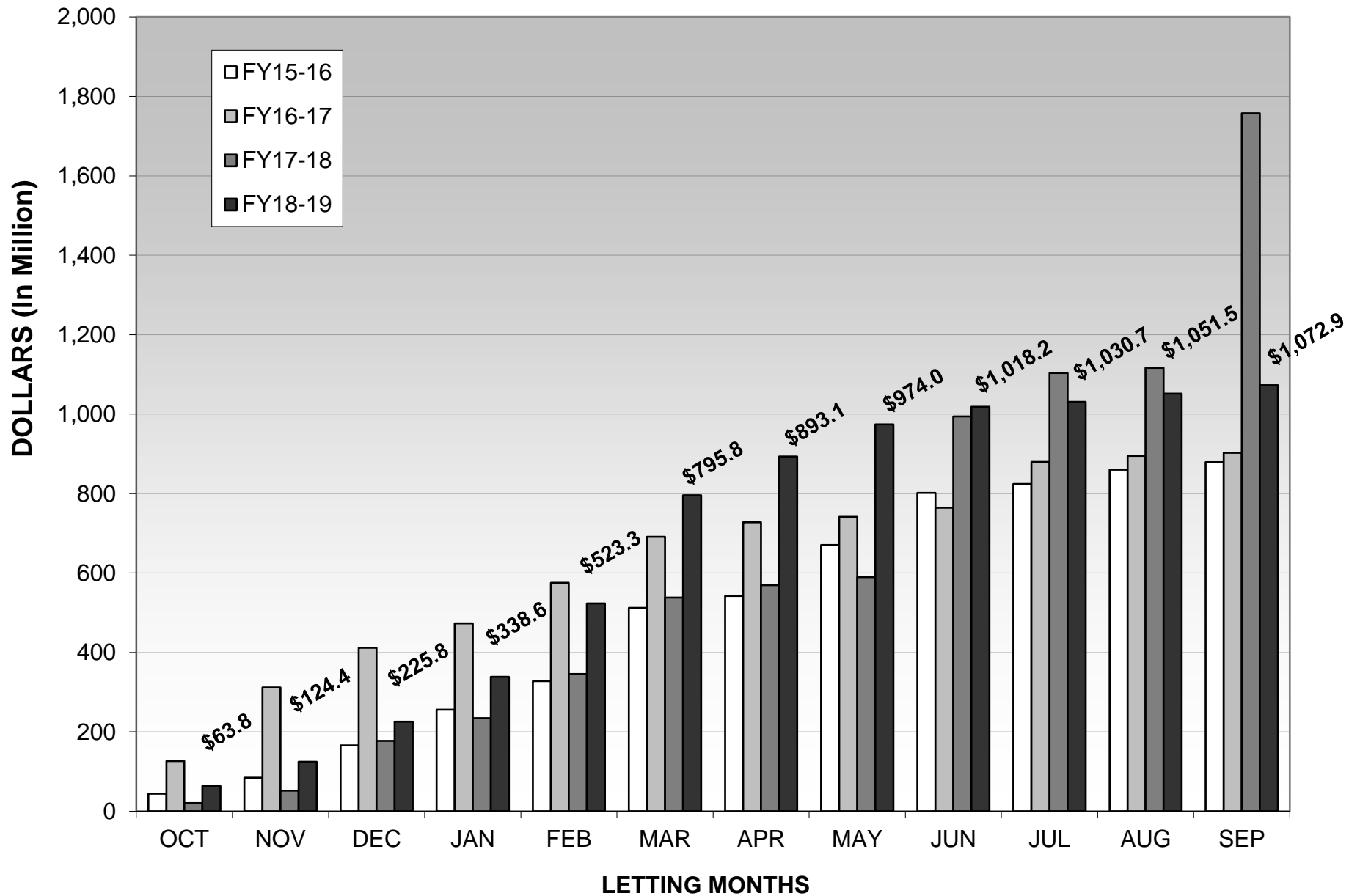
<b>October 4, 2019, Bid Letting</b>	<u>Trunkline</u>	<u>Local Agency</u>	<u>Aeronautics</u>	<u>Freight Services</u>	<u>Totals</u>
# of Contracts Advertised	34	15	0	0	49
# of Contracts with Warranties	21	0	0	0	21
\$ Engineer Estimates of Contracts Advertised (In million)	\$55.16	\$19.37	\$0.00	\$0.00	\$74.53
\$ Engineer Estimates of Warranty Contracts (In million)	\$49.39	\$0.00	\$0.00	\$0.00	\$49.39

<b>October 25, 2019, Bid Letting</b>	<u>Trunkline</u>	<u>Local Agency</u>	<u>Aeronautics</u>	<u>Freight Services</u>	<u>Totals</u>
# of Contracts Advertised	2		0	0	2
# of Contracts with Warranties	1	0	0	0	1
\$ Engineer Estimates of Contracts Advertised (In million)	\$54.15		\$0.00	\$0.00	\$54.15
\$ Engineer Estimates of Warranty Contracts (In million)	\$49.53	\$0.00	\$0.00	\$0.00	\$49.53

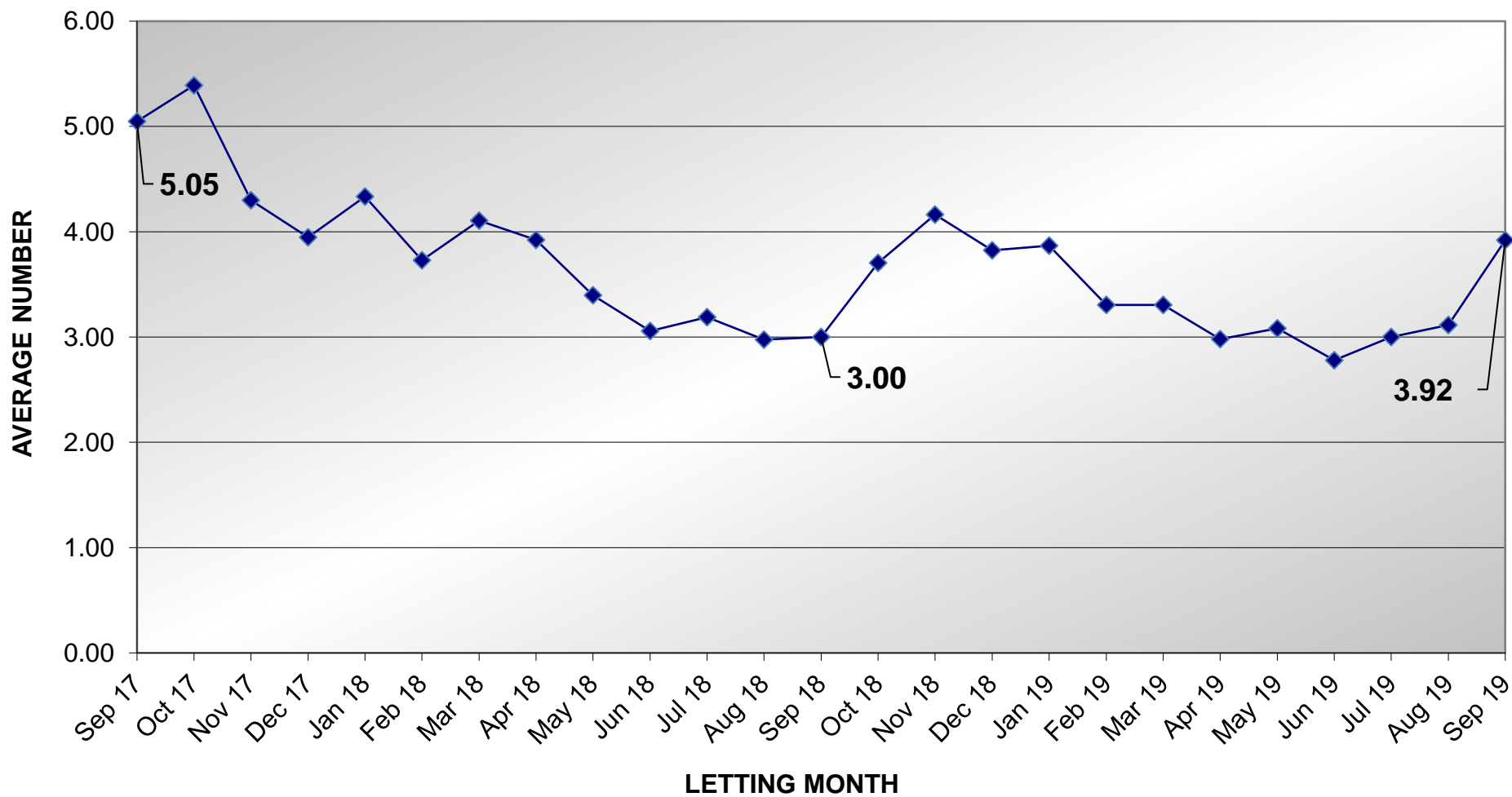
**MDOT LETTINGS**  
**TRUNKLINE CONTRACTS - Dollars per month**



# MDOT LETTINGS CUMULATIVE YTD TRUNKLINE CONTRACTS DOLLARS



**AVERAGE NUMBER OF BIDDERS**  
SEPTEMBER 2017 through SEPTEMBER 2019



## CONTRACTS WITH SPECIFIED NUMBER OF BIDS - BY REGION

SEPTEMBER 2019

REGION	NO BIDS RECEIVED	1 BID	2 BIDS	3 BIDS	4 BIDS	5 BIDS	6 BIDS	7 BIDS	8 BIDS	9 BIDS	=>10 BIDS	NUMBER OF PROJECTS BY REGION
BAY			1									1
GRAND					1					1		2
METRO			2		2	1						5
NORTH			1	2		1	1					5
SOUTHWEST					1							1
SUPERIOR			3	1								4
UNIVERSITY			2		1	1		3				7
NUMBER OF PROJECTS	0	0	9	3	5	3	1	3	0	1	0	Total 25

**DATE:** September 19, 2019

**TO:** State Transportation Commission

**FROM:** Jack Cotter, CPA, CGMA  
Commission Auditor  
Office of Commission Audits

**SUBJECT:** Justification Memorandums

Attached for your information are the department's justification memorandums for Exhibit A-2 items where the low bid exceeded the engineer's estimate by more than ten percent.

*Signed Original on File*

Jack Cotter, CPA, CGMA  
Commission Auditor

Attachments

cc: T. Hagon

**DATE:** September 24, 2019

**TO:** Patrick J. McCarthy, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: September 6, 2019

Project Description: 1.76 mi of hot mix asphalt base crushing, shaping, cold milling and resurfacing, aggregate base and shoulders and pavement markings on East Ayer Street from Lake Street to Lowell Street and on Country Club Road from East Ayer Street to US Highway 2 in the City of Ironwood, Gogebic County.

Project Number: 27430-133039

Item Number: 1909 007

Low Bidder: Mathy Construction Company

Eng. Est: \$420,949.25    Low Bid: \$523,293.87    Difference: \$102,344.62    Percent: 24.31

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$420,949.25
Mathy Construction Company	\$523,293.87
Payne & Dolan Inc.	\$541,955.50
Bacco Construction Company	\$631,424.50

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were cold milling; hot mix asphalt; and traffic control items. These items were bid higher than normal because of the small quantities, multiple locations, and traffic control in an urban area. The milling and paving section has varying widths and multiple existing infrastructure (water valve boxes and manholes), creating a decrease in production. The hot mix asphalt also has different paving thickness for the multiple locations. Furthermore, the project location, in an urbanized area with shopping complexes and schools, creates higher traffic volumes and congestion for the contractor to maintain. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

## **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of the small quantities, multiple locations, and urbanized area. This project received three bids, ranging from \$523,293.87 to \$631,424.50, which varied by 20.66 percent. The two lowest bids varied by 3.57 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and city of Ironwood request that this project be awarded to the low bidder, based on the above conclusion.

---

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
T. Sauter	G. Masinda	S. Cadeau	M. Maloney	A. Johnson
J. O'Leary				

BOD:DD:QA:SF:raw



**DATE:** September 18, 2019

**TO:** Patrick J. McCarthy, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: September 6, 2019

Project Description: Bridge removal and replacement with an aluminum box culvert and approach work on Cavanaugh Lake Road over Mill Creek, Washtenaw County.

Project Number: 81000-201828-2

Item Number: 1909 010

Low Bidder: Tri-City Groundbreakers, Inc.

Eng. Est: \$458,899.85    Low Bid: \$506,320.00    Difference: \$47,420.15    Percent: 10.33

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$458,899.85
Tri-City Groundbreakers, Inc.	\$506,320.00
C & D Hughes, Inc.	\$528,766.70
Fonson Company, Inc.	\$533,533.20
Davis Construction, Inc.	\$539,011.61
E.T. MacKenzie Company	\$568,382.20
Grand River Construction, Inc.	\$695,633.70
J.E. Kloote Contracting, Inc.	\$923,376.27

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were excavation earth; backfill structure modified; culvert bedding, box culvert, modified; and culvert aluminum box 22-foot 6 inch by 8-foot 1 inch. These items were bid higher than normal due to the unique nature of the work. The proposed aluminum box culvert is the first bridge of its kind in Local Agency Programs. Located on the east side of Michigan, it will serve as a pilot for other local bridge projects. Also, the project is comprised of mobilizing special equipment. The removal of the existing bridge and proper installation of the elements required by the proposed aluminum box culvert can only be performed by qualified personnel. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

## **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of the unique items and specialized equipment. This project received seven bids, ranging from \$506,320.00 to \$923,376.27, which varied by 82.37 percent. The two lowest bids varied by 4.43 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and Washtenaw County Road Commission request that this project be awarded to the low bidder, based on the above conclusion.

---

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
T. Sauter	P. Rojas	J. Daavettila	E. Chelotti	D. Parker

BOD:DD:QA:SF:raw

**DATE:** September 18, 2019

**TO:** Patrick J. McCarthy, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: September 6, 2019

Project Description: 0.25 mi of hot mix asphalt base crushing, shaping and resurfacing, concrete pavement, curb, gutter, sidewalk and ramps, aggregate base, drainage and pavement markings on Textile Road at Woodland Drive, Washtenaw County.

Project Number: 81000-203466

Item Number: 1909 015

Low Bidder: C & D Hughes, Inc.

Eng. Est: \$627,257.00    Low Bid: \$779,595.45    Difference: \$152,338.45    Percent: 24.29

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$627,257.00
C & D Hughes, Inc.	\$779,595.45
Baily Excavating, Inc.	\$787,401.09
Hoffman Bros., Inc.	\$859,406.70
Miller Bros. Const., Inc.	\$866,621.13
Fonson Company, Inc.	\$880,061.10
Dan's Excavating, Inc.	\$896,082.79
Florence Cement Company	\$913,407.00

#### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were roadway grading; culvert and sewer work; hot mix asphalt; minor traffic devices; and portable changeable message sign, compliant with the National Transportation Communications for Intelligent Transportation System Protocol. These items were bid higher than normal due to the small quantity of hot mix asphalt on the project and a two-year construction schedule. Additionally, the project will be detoured during the construction of a roundabout and must maintain traffic to the local roads within the closure. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

**OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of the small quantities and two-year construction schedule. This project received seven bids, ranging from \$779,595.45 to \$913,407.00 which varied by 17.16 percent. The two lowest bids varied by 1.00 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and Washtenaw County Road Commission request that this project be awarded to the low bidder, based on the above conclusion.

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Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
T. Sauter	P. Blazo	J. Daavettila	E. Chelotti	D. Parker

BOD:DD:QA:SF:raw

**DATE:** September 18, 2019

**TO:** Patrick J. McCarthy, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: September 6, 2019

Project Description: 1.50 mi of hot mix asphalt cold milling and resurfacing, concrete pavement, curb and ramps, joint repair, drainage and pavement markings on Beech Daly Road from Brest Road to Wick Road in the city of Taylor, Wayne County.

Project Number: 82000-203503-2

Item Number: 1909 016

Low Bidder: Pro-Line Asphalt Paving Corp.

Eng. Est: \$1,369,105.00 Low Bid: \$1,629,904.30 Difference: \$260,799.30 Percent: 19.05

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$1,369,105.00
Pro-Line Asphalt Paving Corp.	\$1,629,904.30
Al's Asphalt Paving Co.	\$1,799,999.00
Ajax Paving Industries, Inc.	\$1,971,021.65
Cadillac Asphalt, L.L.C.	\$1,992,500.00

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were hot mix asphalt; cold milling hot mix asphalt surface; trenching; and geosynthetic paving fabric. These items were bid higher than normal due to the construction schedule and a unique item of work. Once work begins, it must be open to traffic on or before November 15, 2019 and completed in its entirety by November 30, 2019. This letting late in the construction season leaves a limited amount of time to complete the work this year, placing additional risk on the contractor and increasing costs. In addition, the geosynthetic paving fabric is a unique item of work with limited bid history. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

## **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of the construction schedule and a unique item of work. This project received four bids, ranging from \$1,629,904.30 to \$1,992,500.00, which varied by 22.25 percent. The two lowest bids varied by 10.44 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the city of Taylor request that this project be awarded to the low bidder, based on the above conclusion.

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Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
T. Sauter	R. Levine	W. Erben	S. Minton	K Avery
J. O'Leary				

BOD:DD:QA:DLP:raw

**DATE:** September 20, 2019

**TO:** Patrick J. McCarthy, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: September 6, 2019

Project Description: 0.34 mi of hot mix asphalt reconstruction, concrete curb and gutter, sidewalk, sidewalk ramps, drainage, sanitary and storm sewer, water main and pavement markings on Jenne Street/Bridge Street from South Street to Jefferson Street in the city of Grand Ledge, Eaton County.

Project Number: 23000-129912

Item Number: 1909 018

Low Bidder: C L Trucking & Excavating, LLC

Eng. Est: \$1,321,794.02 Low Bid: \$1,534,807.50 Difference: \$213,013.48 Percent: 16.12

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$1,321,794.02
C L Trucking & Excavating, LLC	\$1,534,807.50
Kamminga & Roodvoets, Inc.	\$1,696,992.26
Hoffman Bros., Inc.	\$1,717,294.47
Bailey Excavating, Inc.	\$1,828,646.13
E.T. MacKenzie Company	\$1,840,734.20
Kalin Construction Co., Inc.	\$1,908,252.58
C & D Hughes, Inc.	\$1,989,058.25

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were modified roadway grading, subbase, aggregate base, sanitary sewer items and hot mix asphalt. These items were bid higher than normal due to site conditions. There are numerous overhead electrical lines crossing the site, slowing daily production work. The cost of the sanitary sewer installation may have been underestimated, given the required depths and the requirement of viton gaskets in the installation. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

## **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of work site conditions. This project received seven bids, ranging from \$1,534,807.50 to \$1,989,058.25, which varied by 29.60 percent. The two lowest bids varied by 10.57 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the city of Grand Ledge request that this project be awarded to the low bidder, based on the above conclusion.

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Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
T. Sauter	B. Chomas	J. Early	E. Chelotti	D. Parker
J. O'Leary				

BOD:DD:QA:RWC:raw



**DATE:** September 18, 2019

**TO:** Patrick J. McCarthy, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: September 6, 2019

Project Description: 1.49 mi of hot mix asphalt crush, shape, cold mill and resurface, concrete curb and gutter, guardrail, signing and pavement markings on Barlow Road from M-72 to the south village limit of Lincoln, Alcona County.

Project Number: 01555-112771

Item Number: 1909 020

Low Bidder: Bolen Asphalt Paving, Inc.

Eng. Est: \$642,342.85    Low Bid: \$786,434.44    Difference: \$144,091.59    Percent: 22.43

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$642,342.85
Bolen Asphalt Paving, Inc.	\$786,434.44
D. J. McQuestion & Sons, Inc.	\$851,790.16

#### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were earth excavation; subgrade undercutting; hot mix asphalt; and traffic regulator control. These items were bid higher than normal due to site conditions and maintaining traffic restrictions. This project involves a hill cut and construction of a left-turn lane. The project, located in an area that has the highest average daily vehicular volumes in Alcona County, will mainly be constructed during those high-volume periods. In addition, work is allowed only on one side of the road at a time, and two lanes of traffic must be open at night. Furthermore, additional time and labor will be required to set up and take down traffic control devices daily. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

## **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of the site conditions and maintaining traffic requirements. This project received two bids of \$786,434.44 and \$851,790.16, which varied by 8.31 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Alcona County Road Commission request that this project be awarded to the low bidder, based on the above conclusion.

---

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
T. Sauter	R. Levine	J. Maufort	G. Deans	S. Thayer
J. O'Leary				

BOD:DD:QA:DLP:raw

**DATE:** September 18, 2019

**TO:** Patrick J. McCarthy, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: September 6, 2019

Project Description: New culvert and crossings under railroad, pedestrian bridge and retaining walls on Depot Street and Main Street under Wolverine Line Railroad in the city of Ann Arbor, Washtenaw County.

Project Number: 81000-200818

Item Number: 1909 208

Low Bidder: Davis Construction, Inc.

Eng. Est: \$5,111,686.24 Low Bid: \$6,801,520.82 Difference: \$1,689,834.58 Percent: 33.06

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$5,111,686.24
Davis Construction, Inc.	\$6,801,520.82
Anlaan Corporation	\$7,813,522.00
Toebe Constructions LLC	\$8,475,312.08
ICC Group Inc.	\$9,220,000.00

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were storm sewer bypass pumping, dewatering system for contaminated groundwater, minor traffic devices, temporary haul road and structures removal items. These items were bid higher than normal due to the unique nature of the work, including a tight urban site, railroad involvement, accelerated work schedules and environmental work. Unknown groundwater conditions and level of contaminants led to an increase to the storm sewer bypass pumping and dewatering system for contaminated groundwater items. There will be difficult working conditions along Depot Street and Main Street with significant coordination required during closures, causing an increase to the minor traffic devices. The temporary haul road item most likely includes the cost to maintain the access road, given the amount of heavy traffic that will result as part of this project, leading to a higher than expected cost. The structure removal pay items cover work to remove and dispose of existing retaining wall and work to remove portions of an old trestle. In both cases, work will be done in tight areas, and may require the use of hand removals and small equipment to perform removals near remaining structures.

The additional effort required caused an increase in these costs. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

### **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of unique work and site constraints. This project received four bids, ranging from \$6,801,520.82 to \$9,220,000.00, which varied by 35.56 percent. The two lowest bids varied by 14.88 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the city of Ann Arbor request that this project be awarded to the low bidder, based on the above conclusion.

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Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseur	B. Rottiers	J. Gutting	E. Poole
T. Sauter	L. Johnson	J. Daavettila	E. Chelotti	D. Parker
J. O'Leary				

BOD:DD:QA:RWC:raw

REQUEST FOR MICHIGAN STATE  
TRANSPORTATION COMMISSION APPROVAL  
LETTING EXCEPTIONS AGENDA

September 26, 2019

**TRUNKLINE CONTRACTS**

1. Letting of September 6, 2019  
Letting Call: 1909 001  
Project: MRR 82144-204008-3, etc.  
Local Agreement:  
Start Date: April 5, 2020  
Completion Date: September 19, 2021

Low Bid: **\$15,451,715.24**  
Engineer Estimate: \$12,500,000.83  
Per Overhead Estimate: 23.1%

9.10 mi of hot mix asphalt cold milling and resurfacing, include pavement repairs, curb, gutter and sidewalk ramps, drainage, tree related possible improvements and pavement markings on 8 Mile Road from I-75 to I-9 in the cities of Detroit, Farmington Woods, Hazel Park, Warren and Eastpointe, Macomb, Wayne and Oakland Counties. This project includes a 3-year materials and workmanship pavement warranty.

0.0% D.C. participation required

Bidder	As-Submitted	As-Checked	
<b>Cadillac Asphalt, L.L.C.</b>	<b>\$15,451,715.24</b>	<b>Same</b>	<b>1 **</b>
Ajax Paving Industries, Inc.	\$16,881,803.23	Same	2

Total Number of Bidders: 2

2. Letting of September 6, 2019  
 Letting Call: 1909 007  
 Project: STUL 27430-133039  
 Local Agreement: 19-5416  
 Start Date: 10 days after award  
 Completion Date: August 1, 2020

Low Bid: **\$523,293.87**  
 Engineer Estimate: \$420,949.25  
 Pct Over/Under Estimate: 24.31 %

1.76 mi of hot mix asphalt base crushing, shaping, cold milling and resurfacing, aggregate base and shoulders and pavement markings on East Ayer Street from Lake Street to Lowell Street and on Country Club Road from East Ayer Street to US Highway 2 in the City of Ironwood , Gogebic County . This is a Local Agency Project.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Mathy Construction Company</b>	<b>\$523,293.87</b>	<b>Same</b>	<b>1 **</b>
Payne & Dolan Inc.	\$541,955.50	Same	2
Bacco Construction Company	\$631,424.50	Same	3

Total Number of Bidders: 3

### LOCAL AGENCY CONTRACTS

3. Letting of September 6, 2019  
 Letting Call: 1909 010  
 Project: STU 81000-201828-2  
 Local Agreement: 19-5048  
 Start Date: 10 days after award  
 Completion Date: June 1, 2020

Low Bid: **\$506,320.00**  
 Engineer Estimate: \$458,899.85  
 Pct Over/Under Estimate: 10.33 %

Bridge removal and replacement with an aluminum box culvert and approach work on Cavanaugh Lake Road over Mill Creek, Washtenaw County. This is a Local Agency project.

4.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Tri-City Groundbreakers, Inc.</b>	<b>\$506,320.00</b>	<b>Same</b>	<b>1 **</b>
C & D Hughes, Inc.	\$528,766.70	Same	2
Fonson Company, Inc.	\$533,533.20	Same	3
Davis Construction, Inc.	\$539,011.61	Same	4
E.T. MacKenzie Company	\$568,382.20	Same	5
Grand River Construction, Inc.	\$695,633.70	Same	6
J. E. Kloote Contracting, Inc.	\$923,376.27	Same	7

Total Number of Bidders: 7

4. Letting of September 6, 2019  
 Letting Call: 1909 015  
 Project: HSIP 81000-203466  
 Local Agreement: 19-5403  
 Start Date: October 1, 2019  
 Completion Date: October 2, 2020

Low Bid: **\$779,595.45**  
 Engineer Estimate: \$627,257.00  
 Pct Over/Under Estimate: 24.29 %

0.25 mi of hot mix asphalt base crushing, shaping and resurfacing, concrete pavement, curb, gutter, sidewalk and ramps, aggregate base, drainage and pavement markings on Textile Road at Woodland Drive, Washtenaw County. This is a Local Agency project.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>C &amp; D Hughes, Inc.</b>	<b>\$779,595.45</b>	<b>Same</b>	<b>1 **</b>
Bailey Excavating, Inc.	\$787,401.09	Same	2
Hoffman Bros., Inc.	\$859,406.70	Same	3
Miller Bros. Const., Inc.	\$866,621.13	Same	4
Fonson Company, Inc.	\$880,061.10	Same	5
Dan's Excavating, Inc.	\$896,082.79	Same	6
Florence Cement Company	\$913,407.00	Same	7

Total Number of Bidders: 7

5. Letting of September 6, 2019  
 Letting Call: 1909 016  
 Project: STU 82000-203503-2  
 Local Agreement: 19-5276  
 Start Date: 10 days after award  
 Completion Date: November 30, 2019

Low Bid: **\$1,629,904.30**  
 Engineer Estimate: \$1,369,105.00  
 Pct Over/Under Estimate: 19.05 %

1.50 mi of hot mix asphalt cold milling and resurfacing, concrete pavement, curb and ramps, joint repair, drainage and pavement markings on Beech Daly Road from Brest Road to Wick Road in the city of Taylor, Wayne County. This is a Local Agency project.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Pro-Line Asphalt Paving Corp.</b>	<b>\$1,629,904.30</b>	<b>Same</b>	<b>1 **</b>
Al's Asphalt Paving Co.	\$1,799,999.00	Same	2
Ajax Paving Industries, Inc.	\$1,971,021.65	Same	3
Cadillac Asphalt, L.L.C.	\$1,992,500.00	Same	4

Total Number of Bidders: 4

6. Letting of September 6, 2019  
 Letting Call: 1909 018  
 Project: STU 23000-129912  
 Local Agreement: 19-5411  
 Start Date: April 20, 2020  
 Completion Date: July 10, 2020

Low Bid: **\$1,534,807.50**  
 Engineer Estimate: \$1,321,794.02  
 Pct Over/Under Estimate: 16.12 %

0.34 mi of hot mix asphalt reconstruction, concrete curb and gutter, sidewalk, sidewalk ramps, drainage, sanitary and storm sewer, water main and pavement markings on Jenne Street/Bridge Street from South Street to Jefferson Street in the city of Grand Ledge, Eaton County. This is a Local Agency project.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>C L Trucking &amp; Excavating, LLC</b>	<b>\$1,534,807.50</b>	<b>Same</b>	<b>1 **</b>
Kamminga & Roodvoets, Inc.	\$1,696,992.26	Same	2
Hoffman Bros., Inc.	\$1,717,294.47	Same	3
Bailey Excavating, Inc.	\$1,828,646.13	Same	4
E.T. MacKenzie Company	\$1,840,734.20	Same	5
Kalin Construction Co., Inc.	\$2,004,602.94	\$1,908,252.58	6
C & D Hughes, Inc.	\$1,989,058.25	Same	7

Total Number of Bidders: 7

7. Letting of September 6, 2019  
 Letting Call: 1909 020  
 Project: STL 01555-112771  
 Local Agreement: 19-5409  
 Start Date: June 8, 2020  
 Completion Date: August 17, 2020

Low Bid: **\$786,434.44**  
 Engineer Estimate: \$642,342.85  
 Pct Over/Under Estimate: 22.43 %

1.49 mi of hot mix asphalt crush, shape, cold mill and resurface, concrete curb and gutter, guardrail, signing and pavement markings on Barlow Road from M-72 to the south village limit of Lincoln, Alcona County. This is a Local Agency project.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Bolen Asphalt Paving, Inc.</b>	<b>\$786,434.44</b>	<b>Same</b>	<b>1 **</b>
D. J. McQuestion & Sons, Inc.	\$851,790.16	Same	2

Total Number of Bidders: 2



8. Letting of September 6, 2019  
Letting Call: 1909 208  
Project: STU 81000-200818  
Local Agreement: 19-5345  
Start Date: 10 days after award  
Completion Date: September 19, 2022

Low Bid: **\$6,801,520.82**  
Engineer Estimate: \$5,111,686.24  
Pct Over/Under Estimate: 33.06 %

New culvert and crossings under railroad, pedestrian bridge and retaining walls on Depot Street and Main Street under Wolverine Line Railroad in the city of Ann Arbor, Washtenaw County. This is a Local Agency project.

5.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Davis Construction, Inc.</b>	<b>\$6,801,520.82</b>	<b>Same</b>	<b>1 **</b>
Anlaan Corporation	\$7,813,522.00	Same	2
Toebe Construction LLC	\$8,475,312.08	Same	3
ICC Group Inc.	\$9,220,000.00	Same	4

Total Number of Bidders: 4

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the project described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of February 11, 2019

Respectfully submitted,

Paul C. Ajegba, P.E.  
Director

INFORMATION FOR MICHIGAN STATE  
TRANSPORTATION COMMISSION

September 26, 2019

The following project information is being provided for informational purposes, as requested by the State Transportation Commission.

**LOCAL AGENCY CONTRACT**

1. Letting of August 9, 2019  
Letting Call: 1908 022  
Project: STUL 70000-205798  
Local Agreement: 19-5380  
Start Date: 10 days after award  
Completion Date: September 30, 2019

Low Bid: **\$487,886.72**  
Engineer Estimate: \$450,100.00  
Pct Over/Under Estimate: 8.40 %

0.99 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalks and ramps and pavement markings on 120th Avenue from James Street to Riley Street, Ottawa County. This is a Local Agency project.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked
<b>Michigan Paving and Materials Company</b>	<b>\$487,886.72</b>	<b>Same 1 **</b>
Rieth-Riley Construction Co., Inc.	\$493,667.00	Same 2
Superior Asphalt, Inc.	\$475,550.00	Same n/c

Total Number of Bidders: 3

These projects, for which the bid is under Five Hundred Thousand Dollars (\$500,000) and has less than two (2) bidders or is a low bid rejection or have other bid issues, are being submitted for informational purposes. The contracts for these projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the projects described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum February 11, 2019.

Respectfully submitted,

Paul C. Ajegba, P.E.  
Director